

Crops(s) **Turf**
Disease(s) **Various**

Resistance management strategy for:

Group 1	Benzimidazoles;
Group 2	Dicarboxamides;
Group 3	Demethylation inhibitors (DMI);
Group 4	Phenylamides (PA);
Group 7 (N3)	Succinate Dehydrogenase inhibitors (SDHI);
Group 7+11	SDHI + Quinone outside inhibitors (QoI);
Group 11	QoI;
Group 11+2	QoI + dicarboxamides;
Group 11+3	QoI + DMI;
Group 12	Phenylpyrroles (PP);
Group 14	Aromatic hydrocarbons (chlorophenyls and nitroanilines);
Group 21	Quinone inside inhibitors (QiI);
Group 28	Carbamates; and
Group 33	Phosphonates.

Guidelines:

1. Fungicide groups that are classified as medium to high risk for fungicide resistance development; **Groups 1, 2, 4, 7 (N3), 11** and **21** should be rotated as a key feature to reduce the development of resistance.
2. **Do not** apply consecutive sprays of fungicides from the same activity group, unless mixed with a registered fungicide from a different mode of action group with no known resistance.
3. **Group N3** nematicides are also classified as **Group 7** fungicides and consecutive application should be avoided, even if targeting different pests/pathogens.
4. If consecutive sprays are applied of fungicides from a high-risk fungicide group (i.e. **Group 1, 2, 4, 7, 11** or **21**) they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before the same high-risk fungicide is used again.

Please note:

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